

National Weather Service Storm Data and Unusual Weather Phenomena



March 2004 Time Local Path Length Path Number of Estimated Persons Width Damage **ILLINOIS, South** ILZ084 Jackson 0900CST 0 0 Flood Minor flooding of the Big Muddy River occurred. At Murphysboro, where flood stage is 16 feet, the river crested at 19.58 feet during the evening of the 9th. This resulted in minor flooding of some bottomland along the river, mostly woods and fields. No damage occurred. The high water levels were due partly to backwater from the Mississippi River, which was also running near flood ILZ087-091>094 Gallatin - Hardin - Alexander - Pulaski - Massac 0300CST 09 18 0 Flood 1200CST Minor flooding of the Ohio River occurred along most of the Illinois side. The flooding consisted mostly of inundated agricultural bottomland, along with some parks and recreational areas. The agricultural land was dormant for the most part, so crop losses were minimal. The crest at Shawneetown was 37.90 feet on the 14th, almost 5 feet above flood stage. At Brookport, where flood stage is 37 feet, the river crested at 40.10 feet on the 11th. Crests at Grand Chain and Cairo were 4 to 6 feet above flood stage. Flood stage is 42 feet at Grand Chain and 40 feet at Cairo. The duration of the flooding was a week to 10 days **Union County** Cobden 20 0856CST Hail(1.00) **Johnson County** Vienna 20 0938CST Hail(0.75) A severe thunderstorm tracked east across Union and Johnson Counties, producing a couple reports of dime to quarter size hail. **Union County** Alto Pass 20 1345CST Hail(0.88) **Saline County Carriers Mills** 20 1411CST 0 0 Hail(0.88) A line of thunderstorms formed across southern Illinois, near a line from Carbondale to Harrisburg, and then moved south. A couple of the storms in this line produced large hail up to the size of nickels. **Perry County** Pinckneyville to 1900CST 0 Flash Flood 28 4 E Pinckneyville High water was over the road on Illinois Route 154 about 3 to 4 miles east of Pinckneyville. On Route 127 in Pinckneyville, high water was standing in the underpasses. **INDIANA**, Southwest Vanderburgh - Warrick INZ086>087 1300CST 0 6K Strong Wind (MG39) Strong northwest winds caused some minor property damage in the Evansville area. The peak wind gust measured at the Evansville airport was 45 MPH around 2 P.M. About 1,000 utility customers lost power in Boonville when a tree fell, taking down power lines and a utility pole. A much smaller power outage on the north side of Evansville affected about 50 customers. Sparks from a tree limb blowing into power lines caused a grass fire in Evansville. The strong northwest winds were immediately behind a cold front that passed through during the late morning.

INZ085-087>088 Posey - Warrick - Spencer

09 1200CST 0 0 Flood 15 1900CST



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March 2004 Time Local Path Length Path Number of Estimated Persons Width Damage INDIANA, Southwest The Ohio River rose above flood stage at Newburgh and Mount Vernon for several days. The flooding was minor, affecting mostly bottomland used for agriculture. The land was mostly dormant at that time, so crop losses were negligible. At Newburgh, where flood stage is 38 feet, the river crested at 40.96 feet early in the afternoon of the 12th. At Mount Vernon, where flood stage is 35 feet, the river crested at 37.2 feet on the afternoon of the 13th. **Warrick County Boonville** 20 Flash Flood Slow-moving thunderstorms produced heavy rainfall. Water was over U.S. Highway 62 at Boonville. **KENTUCKY**, Southwest KYZ010-014 Crittenden - Union 0200CST 1800CST Flood The Ohio River rose slightly above flood stage for several days at J.T. Myers Lock and Dam near Uniontown. The river crested just over a foot above flood stage at Uniontown, where flood stage is 37 feet. The flooding was minor, consisting of inundated bottomland used mainly for agricultural purposes. Cropland was mostly dormant, and crop losses were minimal **Henderson County** Henderson 20 1038CST Hail(1.75) **Daviess County** Owensboro 20 1053CST Hail(0.88) A severe thunderstorm tracked east across the Henderson and Owensboro areas. There were numerous reports of marble size hail in Henderson County, enough to cover the ground in some places. One report of golf ball size hail was received from Henderson. In Owensboro, many reports of dime size hail were received, and there was a report of nickel size hail. **Trigg County** 4 N Cadiz 20 1200CST Hail(0.75) **Calloway County** Murray 20 0 0 Flash Flood A slow-moving line of thunderstorms crossed Murray, producing about 1.5 inches of rain in 30 minutes. Street flooding was common. Water was overflowing 4th Street, Highway 121, and Sycamore Street. In excess of 8 inches of water was over the road at 6th and Poplar. **Calloway County** 20 1459CST Hail(0.88) Hazel KYZ012 Trigg 1630CST 2200CST Wildfire 28 A stretch of dry weather during the latter half of March, combined with very low relative humidity and gusty winds, resulted in high fire danger. No measurable rainfall occurred from the 21st to the 27th in some parts of western Kentucky. A large brush fire in the Land Between The Lakes National Recreation Area broke out late on the 28th. The fire, which was located just north of U.S. Highway 68 near Golden Pond, burned 271 acres.

MISSOURI, Southeast

Bollinger	County
C	

Countywide 04 0500CST 0 0 Heavy Rain

Heavy rain during the first few days of March, caused by a slow-moving front, resulted in rises in creeks and even some flooding of lesser travelled roads. A section of Route PP in Bollinger County was closed because of high water for about a day



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March 2004 Estimated
Damage
erty Cror Path Length (Miles) Path Width (Yards Number of Persons led Injure Time Local/

Madoribi d							
MISSOURI, Southeas	<u>st</u>						
MOZ086-100-107>110 Bollinger - Wayne - Carter - Ripley - Butler - Stoddard							
	05	0000CST 0200CST	0	0 15K	Strong Wind (EG38)		
	immed wind g affecte	liately ahead of a cold front that was account was clocked at 44 MPH. Some trees a	ompanied by nd power line	showers and some es were blown down	H for about two hours. The strong winds were thunderstorms. At Poplar Bluff's airport, the peak on the south end of Poplar Bluff. A power outage sidence, a large oak tree fell, damaging two pickup		
MOZ100	Wayne	•					
	05 06	0700CST 1100CST	0	0	Flood		
		. Francis River rose slightly above flood st e was reported. The river crested at 16.71	_		looding of some low-lying areas near the river. No . Flood stage at Patterson is 16 feet.		
MOZ087	Cape (Girardeau					
	09 10	0400CST 1800CST	0	0	Flood		
	couple	11			out a day. The crest at Cape Girardeau was just a and occurred. The land was mostly agricultural and		
Ripley County 18 NW Doniphan	20	1003CST	0	0	Hail(1.75)		
Ripley County 8 E Doniphan	20	1025CST	0	0	Hail(1.25)		
Butler County							
5.5 SW Neelyville	20	1100CST	0 	0 d Dodlon Counties	Hail(0.88)		
	A severe thunderstorm tracked east-southeast across Ripley and Butler Counties. Golf ball size hail was reported in the r corner of Ripley County, and hail about the size of half dollars was reported east of Doniphan in Ripley County. In the s corner of Butler County, along the Arkansas border, nickel size hail fell.						
Bollinger County Leopold	20	1414CST	0	0	Hail(0.75)		
Carter County	_0		v	Ť	()		
Grandin	20	1500CST	0	0	Hail(0.88)		
Butler County	20	1510.CCT	0	0	11-2(4.25)		
2 NW Poplar Bluff	20	1510CST	0	0	Hail(1.25)		

A line of thunderstorms moved south across much of southeast Missouri. A few of these storms produced large hail. The most significant report of large hail was with a storm that moved from southeastern Carter County into the Poplar Bluff area. The Missouri State Highway Patrol reported hailstones ranging from quarter to golf ball size at Troop E headquarters near Poplar Bluff. In the city of Poplar Bluff, the hail was reported to be only marble size.